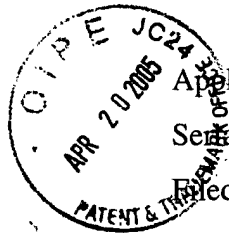


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IFW



Applicant: Jong-Hoon Oh et al.

Examiner: Unassigned

Serial No.: 10/689,954

Group Art Unit: 2186

Filed: October 21, 2003

Docket: I436.104.101/IO031010PUS

Date Due: June 15, 2005

Title: WELL-MATCHED ECHO CLOCK IN MEMORY SYSTEM

Mail Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

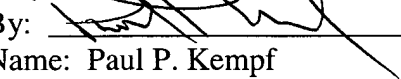
Sir:

We are transmitting herewith the attached:

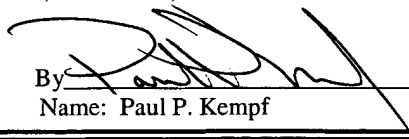
- ☒ Transmittal Sheet containing Certificate of Mailing (1 pg.).
- ☒ Supplemental Information Disclosure Statement (2 pgs.).
- ☒ Form PTO-1449 (1 pg.).
- ☒ Certification under 37 C.F.R. § 1.97(e)(1) (1 pg.).
- ☒ Copy of (1) cited reference.
- ☒ Return Postcard.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. At any time during the pendency of this application, please charge any additional fees or credit overpayment to Deposit Account No. 500471.

**Customer No. 025281**

By:   
Name: Paul P. Kempf  
Reg. No.: 39,727

**CERTIFICATE UNDER 37 C.F.R. 1.8:** The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 18th day of April, 2005.

By:   
Name: Paul P. Kempf

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jong-Hoon Oh et al. Examiner: Unassigned  
Serial No.: 10/689,954 Group Art Unit: 2186  
Filed: October 21, 2003 Docket: I436.104.101/IO031010PUS  
Title: WELL-MATCHED ECHO CLOCK IN MEMORY SYSTEM

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached form 1449 be considered by the Examiner and made of record. Any required copies of patents, publications or other documents are enclosed for the Examiner's review. Pursuant to the provisions of M.P.E.P. 609, Applicants further request a copy of the 1449 form, marked as being considered and initialled by the Examiner, be returned with the next Official Communication.

Since this Supplemental Information Disclosure Statement is being submitted within three months of filing national application; or date of entry of national application; or before the mailing date of the first Office Action on the merits, a fee has not been enclosed. However, if such fee is required, the Patent Office is hereby authorized to charge Deposit Account No. 500471 for fees as set forth under 37 C.F.R. 1.17(p).

**Supplemental Information Disclosure Statement**

Applicant: Jong-Hoon Oh et al.

Serial No.: 10/689,954

Filed: October 21, 2003

Docket No.: I436.104.101/IO031010PUS

Title: WELL-MATCHED ECHO CLOCK IN MEMORY SYSTEM

---

Applicants respectfully request consideration of these references during prosecution of the above-identified matter. The Examiner is invited to contact the Applicants' representative at the below-listed telephone number if there are any questions regarding this Communication or the tendered references.

Respectfully submitted,

Jong-Hoon Oh et al.,

By their attorneys,

DICKE, BILLIG & CZAJA, PLLC

Fifth Street Towers, Suite 2250


100 South Fifth Street

Minneapolis, MN 55402

Telephone: (612) 767-2502

Facsimile: (612) 573-2005

Dated: 4/18/05  
PPK:cmj

  
Paul P. Kempf  
Reg. No. 39,727

**CERTIFICATE UNDER 37 C.F.R. 1.8:** The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope address to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 18th day of April, 2005.

By   
Name: Paul P. Kempf

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jong-Hoon Oh et al.

Examiner: Unassigned

Serial No.: 10/689,954

Group Art Unit: 2186

Filed: October 21, 2003

Docket: I436.104.101/IO031010PUS

Title: WELL-MATCHED ECHO CLOCK IN MEMORY SYSTEM

**CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(1)**

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request consideration of these references during prosecution of the above-identified matter. Applicants certify that each item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.

The Examiner is invited to contact the Applicants' representative at the below-listed telephone number if there are any questions regarding this Communication or the tendered references.

Respectfully submitted,

Jong-Hoon Oh et al.,

By their attorneys,

DICKE, BILLIG & CZAJA, PLLC

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100 South Fifth Street

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PPK:cmj

  
Paul P. Kempf, Reg. No. 39,727

**CERTIFICATE UNDER 37 C.F.R. 1.8:** The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 18th day of April, 2005.

By   
Name: Paul P. Kempf

FORM PTO-1449

Docket No.:  
1436.104.101/IO031010PUS

Serial No.: 10/689,954

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

Applicant: Jong-Hoon Oh et al.

Filing Date: October 21, 2003

Group Art: 2186

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,016,282	1/2000	Keeth			
	6,240,024	5/2001	Taufique et al.			
	6,330,637	12/2001	Ryan			
	2002/0038404	3/2002	Ryan			
	2002/0161968	10/2002	Yoo et al.			
	2002/0184461	12/2002	Zumkehr			

## FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub Class	Translated Yes No
					Yes
					Yes
					Yes

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A copy of PCT International Search Report for International Application No. PCT/EP2004/011918 mailed on March 15, 2005 (7 pages).

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.